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COUNTY COUNCIL OF WEST SUSSEX.

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# ANNUAL REPORT

OF THE

COUNTY MEDICAL OFFICER OF HEALTH.

FOR THE


YEAR ENDED 31ST DECEMBER, 1923,

BY

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County Medical Officer and School Medical Officer.

WEST SUSSEX COUNTY C



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## WEST SUSSEX COUNTY COUNCIL.

**REPORT for the Year 1923, by the County Medical Officer.**

This report contains in a brief form the statistical information for the year, 1923.

**POPULATION.**

The population for the Administrative County for the year 1923 was estimated by the Registrar-General to be as follows :—

## Estimated Population for 1923.

Urban Districts ..	..	..	..	..	..	90890
Rural Districts ..	..	..	..	..	..	96420
Administrative County ..	..	..	..	..	..	187310

The calculations of the various rates given in this Report are based on these figures. There is reason to believe that the population is slightly greater than is estimated by the Registrar-General.

## CENSUS POPULATIONS, 1901, 1911 AND 1921.

	1901.	1911.	1921.	As amended by Registrar- General.
			As Enumerated.	
Urban Districts ..	70223	83590	98495	90044
Rural Districts ..	81053	92718	97300	94830
Administrative County ..	151276	176308	195795	184874

**BIRTH RATES** :—Urban Districts, 13.83. Rural Districts, 16.47. Administrative County, 15.19.

It will be noted from the following table, which gives the Births and Birth Rates for the years 1911-1923, that the Birth Rate has once more declined. It may be confidently asserted that fewer babies means healthier babies, as, not only is the mother's health less likely to be impaired by successive pregnancies at short intervals, but the children themselves are stronger, and receive more individual care and attention, with the result that an enormously increased proportion are surviving the first few years of life.

**TABLE I.** showing number of Births and Birth Rates for years 1911-1923,  
for Urban and Rural Districts, Administrative County and England and Wales.

	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923
<b>Urban Districts—</b>													
No. of Births	1598	1468	1501	1518	1416	1456	1231	1325	1278	1806	1514	1345	1257
Birth Rate	19.0	17.2	17.2	17.4	16.2	17.6	14.7	14.7	14.8	20.9	16.8	14.9	13.8
<b>Rural Districts—</b>													
No. of Births	1788	1848	1754	1707	1526	1506	1163	1298	1315	2029	1700	1612	1588
Birth Rate	19.2	19.6	18.3	17.9	15.9	16.7	13.0	14.0	14.8	22.9	17.9	16.8	16.4
<b>Administrative County</b>													
No. of Births	3386	3316	3255	3225	2942	2962	2394	2623	2593	3835	3214	2957	2845
Birth Rate	19.1	18.4	17.8	17.6	16.1	17.1	13.8	14.4	14.8	21.9	17.3	15.9	15.1
<b>England &amp; Wales—</b>													
Birth Rate	24.4	23.8	23.9	23.8	22.0	20.9	17.8	17.7	18.5	25.4	22.4	20.6	19.7



**DEATH RATES** :—Urban Districts, 11.46. Rural Districts, 9.88. Administrative County, 10.65.

As will be seen from the following Table, this is the lowest Death Rate recorded, the previous lowest rate being 11.45 per thousand for the year 1912 :—

**TABLE II.** showing number of Deaths and Death Rate for Year 1911-1923,  
for Urban and Rural Districts, Administrative County and England and Wales.

	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923
<b>Urban Districts—</b>													
No. of D'ths	1104	1017	1085	1149	1323	1145	1131	1327	1211	1048	1143	1157	1042
Death Rate	13.1	11.9	12.5	13.2	17.0	15.0	15.0	16.5	14.6	12.2	12.7	12.7	11.4
<b>Rural Districts—</b>													
No. of D'ths	1099	1040	1061	1117	1250	1066	1108	1196	1170	971	1042	1096	953
Death Rate	11.8	11.4	11.1	11.6	14.4	12.8	13.8	14.5	13.7	10.9	10.9	11.4	9.8
<b>Administrative County</b>													
No. of D'ths	2203	2057	2146	2266	2573	2211	2239	2523	2381	2019	2185	2253	1995
Death Rate	12.4	11.4	11.7	12.4	15.6	13.9	14.4	15.5	14.2	11.5	11.8	12.1	10.6
<b>England &amp; Wales—</b>													
Death Rate	14.6	13.3	13.7	14.0	15.7	14.4	14.4	17.6	13.8	12.4	12.1	12.9	11.6

The year 1923 was equable and favourable to health throughout the seasons and there was a considerable decrease in the deaths from the following diseases :—

Influenza (28), Tuberculosis (108), Heart Disease (312), Bronchitis (118), Diseases of Infants under one year of age (123).

As has been mentioned in previous reports, the crude death rate is a valuable record of the health of a district, enabling comparisons to be made with previous years, but it cannot be used for the purpose of comparison with other areas or with the country as a whole which may differ considerably as regards age and sex distribution of the populations. A low death rate will always be a matter for congratulation, but if, as is likely, the death rate begins to show an increase, this will not necessarily mean that there has been any lowering in the standard of health, as the increase may be due to the fact that many more persons are surviving to a more advanced age, and as the proportion of aged persons increases, naturally there will be an increase in the number of deaths.

## VITAL STATISTICS, 1923.

Table III. below gives the chief vital statistics of each Sanitary District and the total Urban Districts, Rural Districts and Administrative County :—

TABLE III.—VITAL STATISTICS, 1923.

SANITARY DISTRICT.	No. of Births.	Birth Rate.	Illegitimate Births.	No. of Deaths.	Death Rate.	Deaths under 1 year.	Infant Mortality rate per 1,000 births.	Pulmonary Tuberculosis Death Rate.	Cancer Death Rate.
<b>Urban Districts—</b>									
Arundel .. .. .	36	13.2	—	25	9.1	3	83	0.3	1.1
Bognor .. .. .	109	9.3	6	101	8.6	7	64	0.8	1.1
Chichester .. .. .	205	16.1	8	142	11.1	9	42	0.6	1.7
Horsham .. .. .	167	14.7	7	117	10.2	8	60	0.4	1.3
Littlehampton .. .. .	140	15.9	7	106	11.9	4	28	0.1	1.6
Shoreham-by-Sea .. .. .	116	15.9	4	80	10.9	6	51	1.2	1.9
Southwick .. .. .	83	16.3	3	43	8.7	3	36	1.4	1.2
Worthing .. .. .	401	12.8	23	428	13.6	18	45	0.6	1.7
Total Urban Districts ..	1257	13.83	58	1042	11.46	58	48	0.6	1.57
<b>Rural Districts—</b>									
East Preston .. .. .	121	16.6	6	70	9.6	3	24	0.1	2.0
Horsham .. .. .	314	16.9	14	202	10.3	7	22	0.4	1.6
Midhurst .. .. .	232	15.7	12	133	9.0	7	34	0.4	1.4
Petworth .. .. .	118	14.5	1	93	11.5	6	12	0.3	2.2
Steyning West .. .. .	161	16.0	9	112	11.1	6	37	0.5	1.7
Thakcham .. .. .	165	19.8	10	97	11.6	9	54	0.7	1.2
Westbourne .. .. .	190	21.2	11	89	9.9	12	63	0.2	1.4
Westhampnett .. .. .	287	16.2	17	157	8.8	15	55	0.6	1.3
Total Rural Districts ..	1588	16.47	80	953	9.88	65	41	0.4	1.57
Administrative County ..	2845	15.19	138	1995	10.65	123	43	0.5	1.57

## CAUSES OF DEATH.

The following Table shows for each Sanitary District the number and causes of death during the year 1923 :—

TABLE IV.—Showing for each District the Number and Causes of Death During the Year 1923.

CAUSES OF DEATH.	Arundel M.B.	Bognor U.D.	Chichester M.B.	Horsham U.D.	Littlehampton U.D.	Shoreham-by-Sea U.D.	Southwick U.D.	Worthing M.B.	East Preston R.D.	Horsham R.D.	Midhurst R.D.	Petworth R.D.	Steyning West R.D.	Thakeham R.D.	Westbourne R.D.	Westhampnett R.D.	Totals.
Enteric Fever .. ..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	1	2	5
Scarlet Fever .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough .. ..	..	..	1	..	..	..	..	2	1	1	..	1	..	1	2	..	9
Diphtheria .. ..	..	1	1	1	..	..	..	1	..	..	..	..	1	..	..	..	5
Influenza .. ..	1	2	..	1	3	..	2	5	2	4	..	..	1	2	..	5	28
Encephalitis Lethargica ..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	2
Tuberculosis of Respiratory System .. ..	1	10	8	5	1	9	7	21	1	9	7	3	6	6	2	12	108
Other Tuberculous Diseases	1	1	1	1	2	4	..	5	2	6	6	..	2	..	..	2	33
Cancer, Malignant Disease	3	13	22	15	15	14	6	55	15	34	21	18	18	10	13	23	295
Rheumatic Fever .. ..	..	..	..	..	..	..	..	..	1	1	..	..	..	1	..	1	4
Diabetes .. ..	..	4	2	1	..	..	..	7	..	2	2	2	2	3	2	2	29
Cerebral Hæmorrhage, etc...	5	11	5	13	11	6	4	31	3	26	8	3	11	12	4	9	162
Heart Disease .. ..	6	11	19	28	17	13	4	63	13	39	20	15	12	11	24	17	312
Arterio-sclerosis .. ..	1	3	9	3	6	5	1	20	2	6	4	14	5	1	3	1	84
Bronchitis .. ..	..	12	10	7	13	2	4	15	2	6	4	9	12	4	3	9	112
Pneumonia (all forms) ..	..	1	4	6	4	5	1	21	1	5	3	2	5	2	5	7	72
Measles .. ..	..	..	..	..	4	1	..	..	..	..	..	1	..	..	..	..	6
Meningoocœcal Meningitis ..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	..	..	3
Other Respiratory Diseases	..	1	3	2	1	1	..	8	1	5	..	..	1	..	..	4	27
Uleer of Stomach or Duodenum .. ..	..	1	1	..	..	..	..	4	3	1	1	2	..	..	1	..	14
Diarrhœa, etc. (under 2 years) .. ..	..	..	..	1	..	..	2	1	..	..	2	..	1	1	..	1	9
Appendicitis & Typhlitis ..	..	1	..	1	2	1	..	6	..	..	1	..	1	..	..	4	17
Cirrhosis of Liver .. ..	..	1	1	..	..	..	1	3	3	1	..	1	2	1	..	..	14
Acute and Chronic Nephritis	..	4	9	3	1	..	3	15	..	3	6	1	3	2	1	1	52
Puerperal Sepsis .. ..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	1	3
Other accidents & diseases of Pregnancy & parturition .. ..	..	..	1	1	..	..	..	1	..	2	..	1	..	..	..	..	6
Congenital Debility, Malformation and premature birth .. ..	1	4	5	2	2	5	..	13	2	4	1	6	4	5	10	8	72
Suicide .. ..	..	..	..	2	1	..	..	3	1	5	3	2	..	2	..	2	21
Other deaths from violence	1	1	5	2	2	5	2	11	1	10	3	2	2	5	2	9	63
Other defined diseases ..	5	19	33	21	21	9	6	115	16	30	39	10	23	27	16	36	426
Causes ill-defined or unknown .. ..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	2
Totals .. ..	25	101	142	117	106	80	43	428	70	202	133	93	112	97	89	157	1995



The following Table gives the Causes of Death at different periods of life in the Administrative County during the year 1923:—

**TABLE V.—CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE IN THE ADMINISTRATIVE COUNTY—1923.**

CAUSES OF DEATH.	All Ages.	Under 1 yr.	1-2	2-5	5-15	15-25	25-45	45-65	65-75	75 & up.
Enteric Fever .. ..	5	—	—	—	—	—	2	3	—	—
Small Pox .. ..	—	—	—	—	—	—	—	—	—	—
Measles .. ..	6	—	2	—	3	—	1	—	—	—
Scarlet Fever .. ..	—	—	—	—	—	—	—	—	—	—
Whooping Cough .. ..	9	4	3	2	—	—	—	—	—	—
Diphtheria & Croup .. ..	5	1	1	1	2	—	—	—	—	—
Influenza .. ..	28	—	1	2	—	1	3	8	5	8
Encephalitis Lethargica .. ..	2	—	—	—	1	—	1	—	—	—
Meningococcal Meningitis .. ..	3	—	—	—	—	3	—	—	—	—
Tuberculosis of Respiratory System .. ..	108	1	—	1	3	15	55	25	7	1
Other Tuberculous diseases .. ..	33	2	2	7	6	6	3	2	1	4
Cancer, Malignant Disease .. ..	295	—	—	—	2	—	20	122	88	63
Rheumatic Fever .. ..	4	—	—	1	1	1	1	—	—	—
Diabetes .. ..	29	—	—	—	1	—	2	7	7	12
Cerebral Hæmorrhage, etc. .. ..	162	—	—	—	—	—	4	34	42	82
Heart Disease .. ..	312	—	—	—	—	6	16	77	86	127
Arterio-sclerosis .. ..	84	—	—	—	—	—	—	11	31	42
Bronchitis .. ..	112	7	1	1	1	—	—	16	22	64
Pneumonia (all forms) .. ..	72	6	6	—	2	2	10	20	11	15
Other Respiratory Diseases .. ..	27	2	1	—	1	—	3	5	5	10
Ulcer of Stomach or Duodenum .. ..	14	—	—	—	—	—	4	8	2	—
Diarrhœa .. ..	20	9	—	—	—	—	1	5	2	3
Appendicitis & Tiphilitis .. ..	17	—	—	—	4	2	3	2	4	2
Cirrhosis of Liver .. ..	14	—	—	—	—	—	3	6	2	3
Acute & Chronic Nephritis .. ..	52	—	—	—	—	—	1	15	20	16
Puerperal Sepsis .. ..	3	—	—	—	—	—	3	—	—	—
Other Accidents and diseases of pregnancy and parturi- tion .. ..	6	—	—	—	—	—	6	—	—	—
Congenital Debility and Malformation .. ..	72	70	1	1	—	—	—	—	—	—
Suicide .. ..	21	—	—	—	—	1	5	8	6	1
Other deaths from violence .. ..	63	2	1	5	7	4	13	16	4	11
Other defined Diseases .. ..	415	19	7	2	6	11	29	77	78	186
Causes ill-defined or un- known .. ..	2	—	—	1	—	—	—	1	—	—
Totals .. ..	1995	123	26	24	40	52	189	468	423	650

### INFANT MORTALITY.

There were 123 deaths of infants under one year, which is equivalent to an infant mortality rate of 43 per 1,000 births, the lowest on record. The following table gives the rates for the Administrative County and England and Wales for the past 13 years, and indicates the remarkable diminution which has occurred in the Infant Mortality rate for the County, and in the country as a whole.

**TABLE VI.—Showing Infant Mortality Rates for Urban Districts, Rural Districts, Administrative County and England and Wales for the years 1911-1923.**

	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923
Urban													
Districts ..	98	63	75	76	76	67	66	65	66	47	62	49	48
Rural													
Districts ..	73	68	62	68	69	58	52	55	48	51	38	50	41
Administrative													
County ..	85	66	68	72	73	63	59	60	57	49	49	49	43
England and													
Wales ..	130	95	108	105	110	91	97	97	85	80	83	77	69

### ILLEGITIMATE BIRTHS.

There were 138 illegitimate births (5 per cent. of the total births), and the infant mortality rate amongst illegitimate children was 80 per thousand births, as compared with a rate of 41 for legitimate children.

### NOTIFICATION OF BIRTHS (EXTENSION) ACT, 1915.

The following figures do not include the Borough of Worthing, which is a separate Maternity and Child Welfare Authority :—

BIRTHS NOTIFIED (1) Live Births, 2245 ; (2) Still Births, 73. Total 2318.

BIRTHS NOTIFIED BY : (1) Midwives, 1531 ; (2) By Doctors and Parents, 787.

### HEALTH VISITS.

The following figures show the work carried out by the Health Visitors during the year :—

NUMBER OF VISITS TO EXPECTANT MOTHERS : (1) First visits, 1443 ; (2) Total visits 4825.

NUMBER OF VISITS TO INFANTS UNDER 1 YEAR :—

(1) First visits 2356. (2) Total visits 10976.

TOTAL NUMBER OF VISITS TO CHILDREN 1-5 : 12918.

The work of the Health Visitors continues to extend, nearly 1,000 more visits being recorded in 1923, as compared with the previous year.



### MATERNITY AND CHILD WELFARE CENTRES.

An additional Centre was established by the County Council at Midhurst on the 6th November, 1923.

The following table gives the number of Centres working in the County at the end of the year, with the dates of opening, days and hours of attendance, and the numbers on the registers at the end of the year, and the average attendance per week :—

**TABLE VII.—Maternity and Child Welfare Centres in the County.**

Address.	Weekly or fort- nightly Sessions.	Day & time of Meeting.	Average Attendance per Session.				Present Arrangements for Medical supervision.
			Expectant Mothers.		Children.		
			No. on Reg.	Aver. Attendance	No. on Reg.	Aver. Attendance	
<b>Chichester.</b> 15, St. Martin's St.	Weekly	Friday 2.30	8	2	260	45	Doctor attends weekly
<b>Horsham.</b> Tan Cottage, Brighton Road	Ditto	Friday 2.30	—	—	196	18	Ditto
<b>Bognor.</b> Parochial Hall ..	Ditto	Thursday 2.30	1	—	73	15	Doctor attends fortnightly
<b>Shoreham.</b> Town Hall ..	Ditto	Tuesday 2.30	—	—	96	18	Ditto
<b>Southwick.</b> Town Hall ..	Ditto	Ditto	—	—	95	23	Ditto
<b>Northchapel.</b> Old School ..	Fort- nightly	Thursday 2.30	1	—	32	12	Doctor attends monthly
<b>Midhurst.</b> Congregational Hall	Ditto	Tuesday 2.30	2	1	23	18	Ditto
<b>*Camelsdale.</b> Village Hall ..	Monthly	Thursday 2.30.	—	—	46	7	Ditto
<b>*Arundel.</b> Granville House, Maltravers St. ..	Weekly	Tuesday 2.30	5	1	59	20	Doctor attends weekly
<b>*Littlehampton.</b> 20a, South Terrace	Ditto	Friday 2.30	6	3	167	30	Ditto

\* Voluntary Centres towards which County Council made total grants of £60 per annum, viz., £10 Camelsdale District Nursing Association, £50 Duchess of Norfolk.

### MILK (MOTHERS AND CHILDREN) ORDER, 1918.

During the financial year, 20 families were supplied with 50 Orders for 1323 pints of fresh milk and, in addition, 794 lbs. of dried milk were distributed free, whilst 6,171 lbs. were sold, the approximate receipts being £498. The cost of free milk (fresh and dried) was approximately £77.

### HOSPITAL TREATMENT.

Hospital treatment was provided during the year as follows :—

Name of Institution.	No. of Admissions.	No. of Discharges.	Average duration of Treatment. Days.
(a) Hospital for Women, Brighton .. ..	17	17	21
(b) Alexandra Hospital for Sick Children, Brighton .. .. .	2	2	9
(c) General Hospitals (Nose and Throat cases)	3	3	2

### COUNTY NURSING SERVICE.

At the end of the year there were 54 District Nursing Associations employing 66 Nurses and in addition the County Nursing Association were employing five whole-time Health Visitors engaged upon Public Health work in areas unprovided with resident Nurses. Two Nurses are available for special Nursing of cases of Ophthalmia Neonatorum, Septic Lying-in cases or for relief of Nurse-Midwives in illness or exceptional stress of work.

The County Nursing Association succeeded in re-establishing the following District Nursing Association :—

Name & Number of Nursing District.	Number of Nurses.	Annual Grant.	Parishes Served.	Date Re-established.
Rogate (A.20)	1	£50	Rogate Terwick	1st July, 1923.

Also an additional Nurse was established in Chichester on 1st November, 1923, whilst the Milland and Rake District Nursing Association (B.1) were compelled to cease operations for lack of financial support on the 30th June, 1923.

### MIDWIVES ACTS, 1902 AND 1918.

**MIDWIVES PRACTISING IN THE COUNTY.**—During the year 144 certified midwives notified their intention to practise. Eight of these midwives left the county during the year, thirteen notified for holiday duty, five ceased to practise. Excluding 15 midwives who resided without the county and were inspected by other Authorities, there remained at the end of the year 103 midwives requiring inspection, of whom 98 were trained and five were bona fide Midwives.

**INSPECTIONS.**—Quarterly visits were paid by the County Inspector of Midwives and 193 routine visits of inspection and 17 special visits were made during the year. In addition, two visits were made in connection with cases of alleged unqualified practice.

**NOTIFICATION BY MIDWIVES.**—During the year 481 notifications were received as follows :—

Medical help for the mother	..	..	..	..	..	295
Medical help for the child	..	..	..	..	..	54
Notifications of death of child before medical practitioner in attendance	..	..	..	..	..	7
Notifications of still-birth	..	..	..	..	..	19
Notifications of having laid out a dead body	..	..	..	..	..	46
Notifications of liability to be a source of infection	..	..	..	..	..	18
Notifications of artificial feeding	..	..	..	..	..	42
						<hr/> 481 <hr/>

The 295 Notifications of sending for medical help for mother received during the year were as follows :—

Torn perineum (78), Prolonged Labour (72), Adherent and Retained Placenta (13), Torn Placenta (1), Abortion or Threatened Abortion (16), Malpresentation (21), Uterine inertia (9), Post Partum Hæmorrhage (11), Breech Presentation (1), High Temperature and Quickened Pulse (11), Illness of Mother (9), Anti Partum Hæmorrhage (15), Retained Membranes (5), Thrombosis (2), Subinvolution (1), Oedema of Legs, etc. (2), Albuminuria (6), Offensive Lochia (1), Chorea (1), Phlebitis (1), Prolapse of Cord (1), Pain in Abdomen (2), Dangerous Varicose Veins (6), Vaginal Discharge (3), Rash (1), Swelling at Orifice of Vagina (1), Prolapsed Uterus (1), Accidental Hæmorrhage (1), Prolonged 3rd stage (1), Epileptic Fits (1), Inflammation of Breast (1).

The 54 Notifications of sending for Medical help for children received during 1923 were as follows :

Dangerous feebleness (22), Discharging Eyes (6 being cases of Ophthalmia Neonatorum) (21), Phimosis (1), Difficult Breathing (3), White Asphyxia (1), Malformation (3), Stillbirth (B.B.A.) (1), Vomiting (1), Tongue Tie (1).

The total number of births attended by Midwives during the year was 2217, including 700, as Maternity Nurses.

### FEES TO DOCTORS CALLED BY MIDWIVES.

During the financial year, fees amounting to approximately £445 were paid to Medical Practitioners in 287 instances. Contributions amounting to approximately £112 were received in respect of 162 cases. In 69 instances fees amounting, approximately, to £89 were paid direct by patients to Doctors.

### MATERNAL MORTALITY.

During the year 1923, nine deaths of mothers occurred as follows :—

Puerperal sepsis (3), Other Accidents and Diseases of Pregnancy (6).

The mortality rate was equal to 3.1 per thousand births as compared with rates of 3.3 in 1922, 4.9 in 1921, and 3.1 in 1920.



## INFECTIOUS DISEASES.

### ZYMOTIC MORTALITY.

In Table VIII. below is given the number of deaths from Zymotic diseases in each Sanitary District. The aggregate number of deaths in the administrative county was 34, and the death rate 0.18 per thousand of the population. The aggregate number of deaths in the Urban Districts was 17, and in the Rural Districts 17, the respective rates being 0.18 and 0.17 per thousand of the population.

**TABLE VIII.—Number of Deaths from Zymotic Diseases in Each Sanitary District.**

			Enteric Fever.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria and Croup.	Diarrhoea.	Small Pox.	Total.	Death Rate.
URBAN DISTRICTS.											
Arundel (M.B.)	..	..	—	—	—	—	—	—	—	—	—
Bognor	..	..	—	—	—	—	1	—	—	1	.08
Chichester (M.B.)	..	..	1	—	—	1	1	—	—	3	.23
Horsham	..	..	—	—	—	—	1	1	—	2	.17
Littlehampton	..	..	—	4	—	—	—	—	—	4	.47
Shoreham-by-Sea	..	..	—	1	—	—	—	—	—	1	.13
Southwick	..	..	—	—	—	—	—	2	—	2	.40
Worthing (M.B.)	..	..	—	—	—	2	1	1	—	4	.12
RURAL DISTRICTS.											
East Preston	..	..	—	—	—	1	—	—	—	1	.13
Horsham	..	..	1	—	—	1	—	—	—	2	.09
Midhurst	..	..	—	—	—	—	—	2	—	2	.13
Petworth	..	..	—	1	—	1	—	—	—	2	.24
Steyning West	..	..	—	—	—	—	1	1	—	2	.19
Thakeham	..	..	—	—	—	1	—	1	—	2	.24
Westbourne	..	..	1	—	—	2	—	—	—	3	.33
Westhampnett	..	..	2	—	—	—	—	1	—	3	.16
Total Urban Districts	..	..	1	5	—	3	4	4	—	17	.18
Total Rural Districts	..	..	4	1	—	6	1	5	—	17	.17
Administrative County	..	..	5	6	—	9	5	9	—	34	.18



## NOTIFIABLE DISEASES.

Table IX. below shows the distribution of notifiable diseases throughout the county, the figures in brackets indicating the number of cases removed to Isolation Hospitals.

TABLE IX.—Cases of Infectious Diseases Notified During the Year 1923.

	Diphtheria.	Erysipelas.	Scarlet Fever.	Typhus.	Enteric Fever.	Puerperal Fever.	Cerebro-Spinal.	Poliomylitis.	Encephalitis Lethargica.	Ophthalmia Neonatorum.	Pulmonary Tuberculosis.	Other Forms of Tuberculosis.	Malaria.	Dysentery.	Trench Fever.	Pneumonia.	Anthrax.	Total.	
URBAN DISTRICTS																			
Arundel (M.B.) ..	1	—	16	—	—	—	—	—	—	—	4	5	—	—	—	3	—	29	(2)
Bognor ..	9	2	20	2	2	—	—	—	1	1	18	3	—	—	—	1	—	59	(26)
Chichester (M.B.) ..	8	1	2	—	8	3	1	2	—	2	22	7	—	—	—	15	—	71	(14)
Horsham ..	7	2	36	—	—	—	—	—	—	2	10	2	—	—	—	1	—	60	(17)
Littlehampton ..	3	2	15	—	—	—	—	—	—	—	10	3	—	—	—	2	—	35	(15)
Shoreham-by-Sea	7	6	2	—	—	—	—	—	1	—	10	4	—	—	—	8	—	38	(8)
Southwick ..	5	—	11	—	—	1	—	—	—	—	12	2	—	—	—	2	—	33	(8)
Worthing (M.B.)	16	3	16	—	3	1	—	4	—	1	49	7	—	—	—	1	—	101	(29)
RURAL DISTRICTS																			
East Preston ..	6	—	5	—	—	—	—	1	—	—	8	5	—	—	—	2	—	27	(4)
Hoisham ..	2	—	37	—	1	1	—	1	1	—	19	6	—	—	—	11	1	80	(40)
Midhurst ..	1	1	19	—	1	—	1	—	1	1	16	2	1	—	—	1	—	45	(—)
Petworth ..	1	1	7	—	—	—	—	—	—	—	6	3	—	—	—	1	—	19	(2)
Steyning West ..	5	1	12	—	—	—	—	—	1	—	26*	4†	—	—	—	4	—	53	(6)
Thakeham ..	—	1	3	—	—	—	1	—	—	2	10	—	—	—	—	—	—	17	(1)
Westbourne ..	1	—	10	—	5	1	—	—	—	—	12	5	—	—	—	4	—	38	(7)
Westhampnett ..	3	2	15	—	3	—	—	2	—	—	27	4	1	—	—	12	—	69	(19)
Total Urban Districts ..	56	16	118	2	13	5	1	6	2	6	135	33	—	—	—	33	—	426	(119)
Total Rural Districts ..	19	6	108	—	10	2	2	4	3	3	124	29	2	—	—	35	1	348	(79)
Administrative County ..	75	22	226	2	23	7	3	10	5	9	259	62	2	—	—	68	1	774	(198)

In addition, 101 cases of Chicken Pox were notified in the Urban Districts of Bognor (51), Chichester (37), Shoreham (13).

\* Includes 14 temporary visitors at Convalescent Homes.

† Includes 1 temporary visitor at Convalescent Home.

## TUBERCULOSIS.

Tuberculosis in its various forms accounted for 141 deaths, the death-rate being 0.57 per 1,000 population. 6.5 per cent. of the total mortality from all causes was due to tuberculosis.

From Table X. below it will be noted that 95 per cent. of the deaths from Pulmonary Tuberculosis occurred after the age of 15 years—the most fatal period being between the ages 25 and 45 years.

**TABLE X.** showing the number and percentage of deaths at various ages from Pulmonary and Non-Pulmonary Tuberculosis during the year 1923 :—

				Total all ages.	Number and Percentage.		
					0-5 years.	5-15 years.	15 years and over.
PULMONARY TUBERCULOSIS :—							
Urban Districts .. .. .				62	2 (3.2%)	1 (1.6%)	59 (95.2%)
Rural Districts .. .. .				46	—	2 (4.3%)	44 (95.7%)
Administrative County .. .. .				108	2 (1.8%)	3 (2.8%)	103 (95.4%)
NON-PULMONARY TUBERCULOSIS :—							
Urban Districts .. .. .				15	6 (40%)	4 (26.7%)	5 (33.3%)
Rural Districts .. .. .				18	5 (27.8%)	2 (11.1%)	11 (61.1%)
Administrative County .. .. .				33	11 (33.3%)	6 (18.2%)	16 (48.5%)
ALL FORMS OF TUBERCULOSIS :—							
Urban Districts .. .. .				77	8 (10.4%)	5 (6.5%)	64 (83.1%)
Rural Districts .. .. .				64	5 (7.8%)	4 (6.3%)	55 (85.9%)
Administrative County .. .. .				141	13 (9.2%)	9 (6.4%)	119 (84.4%)

Pulmonary Tuberculosis :—From Table XI. it will be noted that this disease was the cause of 108 deaths (as compared with an average of 159 deaths during the past thirteen years), i.e., 76.6% of all deaths from all forms of Tuberculosis, giving a death-rate for the County of 0.5 per 1,000 population, as compared with a rate of 0.7 in the preceding year.

**TABLE XI.**—The following Table shows the number of deaths from Pulmonary Tuberculosis from 1911 to 1923 :—

	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923
Urban Districts .. .. .	70	64	65	72	102	102	86	116	87	63	86	74	62
Rural Districts .. .. .	73	69	83	72	72	94	89	86	81	40	53	58	46
Administrative County .. .. .	143	133	148	144	174	196	175	202	168	103	139	132	108
Death-rate per 1,000 living .. .. .	0.8	0.7	0.8	0.8	1.0	1.2	1.1	1.2	1.0	0.5	0.7	0.7	0.5

In Table XII. below is given the number of notifications of Tuberculosis received for the year :—

**TABLE XII.**—Summary of Notifications during the period from the 31st December, 1922, to the 29th December, 1923.

Notifications on :												Form "A."				Form "B."				Form "C."																
												0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55* to 65	65 & Up- wards.	Total.	0 to 1	5 to 10	10 to 15	Total.	Poor Law Institutions Sanatoria.								
<b>Pulmonary Tuberculosis—</b>																																				
Males ..	2	1	3	6	3	13	35	27	23	12	2	127*	—	1	—	1	—	—	—	—	—	—	—	1	—	1	1	92								
Females	—	3	2	5	10	21	39	28	11	4	6	129*	—	2	—	2	—	—	—	—	—	—	—	3	—	2	3	82								
												2	4	5	11	13	34	74	55	34	16	8	256*	—	3	—	3	—	—	4	—	3	4	174		
<b>Other Forms of Tuberculosis (Non-Pulmonary)—</b>																																				
Males ..	—	5	5	4	5	2	2	2	1	1	—	27	—	1	—	1	—	—	—	—	—	—	—	1	—	1	—	7								
Females	1	6	4	2	6	5	3	1	2	1	2	33	—	1	—	1	—	—	—	—	—	—	—	—	1	—	1	12								
												1	11	9	6	11	7	5	3	3	2	2	60†	—	2	—	2	—	—	—	—	1	—	2	1	19

\* Includes 8 males and 6 females notified from Convalescent Home at Lancing in Steyning West Rural District and 1 male and 2 females from the County Mental Hospital.

† Includes 1 female notified from Convalescent Home at Lancing in the Steyning West Rural District.



TREATMENT OF TUBERCULOSIS.

Table XIII. below shows that 424 new cases were dealt with at the Dispensaries during the year. Of these cases, the Tuberculosis Officer diagnosed Pulmonary Tuberculosis in 159 cases, other forms of Tuberculosis 32 cases, whilst 205 cases were considered not to be tuberculous and 28 cases remained under observation for diagnosis at the end of the year.

TABLE XIII., showing the number of new cases examined for the first time during the Year.

Name and Address of Dispensary.	Day and Time of Dispensary.	Cases of Tuberculosis. Lungs.	Cases of Tuberculosis. Other forms.	Cases not Tuberculos. Total.	Cases under observation and not finally diagnosed at end of year. Total.	Total Number Exmd.
<b>* Arundel.</b> Granville House, Maltravers Street <b>Chichester.</b> 4, St. John's Street <b>Horsham.</b> Tan Cottage, Brighton Road <b>Worthing.</b> Out-Patient Dept. Worthing Hospital, Lyndhuist Road	Monday 3 p.m.	8	4	11	3	26
	Tuesday 10.30 a.m.	67	10	61	11	149
	Wednesday 11 a.m.	33	8	41	4	86
	Monday 10.30 a.m.	51	10	92	10	163
		159	32	†205	28	424

\* This Dispensary is held monthly, and more frequently if found necessary. † Includes 137 children.

DISPENSARY TREATMENT.

During the year, 689 cases received treatment or supervision, of whom 270 cases were discharged 62 cases died, and 18 cases left the County. At the end of the year the following cases, referred to in Table XIV. below, remained under supervision :—

TABLE XIV.

Insured.		Uninsured.		Children.		
M.	F.	M.	F.	M.	F.	Total.
120	49	23	73	37	37	339

The total number of attendances of all patients at the Dispensaries was 2056, giving an average weekly attendance of 12 patients at each Dispensary.

NURSING VISITS.

The Tuberculosis Nurses paid 1916 Home Visits during the year.



### INSTITUTIONAL TREATMENT.

The following Table XV. shows the number of patients who have received Institutional Treatment during the year:—

**TABLE XV.**

	Insured.	Ex-Service.	Un-Insured.	Children.	Total.
Number of patients receiving Treatment at Aldingbourne Sanatorium at 31/12/22 ..	24	7	7	5	43
Number of patients receiving treatment at Swandean Hospital at 31/12/22 ..	6	—	6	—	12
Number of patients receiving surgical treatment at Chichester and Petworth Hospitals at 31/12/22 .. .. .	2	4	2	1	9
Number of patients admitted to Aldingbourne Sanatorium from 1/1/23 to 31/12/23 ..	56	13	39	23	131
Number of patients admitted to Swandean Hospital from 1/1/23 to 31/12/23 .. ..	14	5	17	2	38
Number of patients admitted to Chichester Hospital and Lord Mayor Treloar Hospital Alton from 1/1/23 to 31/12/23 ..	5	3	5	5	18
Number of patients discharged from Aldingbourne Sanatorium from 1/1/23 to 31/12/23 ..	46	18	25	21	110
Number of patients discharged from Swandean Hospital from 1/1/23 to 31/12/23 ..	8	4	15	2	29
Number of patients discharged from Chichester Hospital & Alton from 1/1/23 to 31/12/23 ..	3	8	3	5	19
Number of patients who died at Aldingbourne Sanatorium from 1/1/23 to 31/12/23 ..	5	2	—	—	7
Number of patients who died at Swandean Hospital from 1/1/23 to 31/12/23 .. ..	5	2	3	—	10
Number of patients who died at Chichester Hospital from 1/1/23 to 31/12/23 ..	—	—	1	—	1
Number of patients still receiving treatment at Aldingbourne Sanatorium at 31/12/23 ..	27	2	21	7	57
Number of patients still receiving treatment at Swandean Hospital at 31/12/23 .. ..	6	—	5	—	11
Number of patients still receiving treatment at Chichester and Petworth at 31/12/23 ..	3	—	3	1	7
Total number of days' treatment at Aldingbourne House Sanatorium .. .. .	9817	1990	5577	2443	19827
Total number of days' treatment at Swandean Hospital .. .. .	1668	303	1754	142	3867
Total number of days' treatment at Chichester, and Petworth Hospitals and Lord Mayor Treloar's Hospital, Alton ..	954	958	451	345	2708
Total days' treatment received at all Institutions .. .. .	12439	3251	7782	2930	26402

In addition to the cases referred to above, eleven discharged ex-Service men suffering from Tuberculosis received treatment, combined with training, as follows:—

Number of men sent for Training.	Name of Training Centre.	Trade for which Training recommended.
3	Lenham, Kent	(2) Furniture Repairs
1	Frimley, Surrey	(1) House Repairs
1	North Heath Sanatorium, Birmingham	(1) Market Gardening, etc.
2	Nayland, Suffolk	(1) Tin Smithing
4	Preston Hall, Aylesford, Kent	(1) Furniture Repairs
		(1) Watch & Clock Repairs
		(3) Rural Carpentry
		(1) Market Gardening, etc.

### PUBLIC HEALTH (VENEREAL DISEASES) REGULATIONS, 1916.

Under an Agreement with the Worthing Hospital Committee, the County Council established, as from the 21st April, 1920, a Venereal Diseases Clinic in the Out-Patients' Department. It was necessary to build a small Irrigation Room adjacent to the Out-Patients' Department.

The following statement gives the days and hours of the various Clinics serving this County :—

Royal Portsmouth Hospital, Landport, Portsmouth  
(This Clinic is intended to serve persons resident in the Western part of the County).

MEN :—  
Tuesdays 5 p.m. to 7 p.m.  
Wednesdays 4 p.m. to 6 p.m.  
Thursdays 5 p.m. to 7 p.m.  
WOMEN :—  
Wednesdays 2 p.m. to 4 p.m.  
Fridays 10 a.m. to 12 noon.

Worthing Hospital, Lyndhurst Road, Worthing  
(This Clinic is intended to serve persons resident in the Eastern part of the County).

MEN AND WOMEN :—  
Wednesdays Women 3 p.m. to 4 p.m.  
Men 4 p.m. to 5 p.m.  
Fridays Women 5 p.m. to 6 p.m.  
Men 6 p.m. to 7 p.m.

\*Royal Sussex County Hospital, Eastern Road, Kemp Town, Brighton

MEN :—  
Mondays 5 p.m. to 7 p.m.  
Tuesdays 3.30 p.m. to 5.30 p.m.  
Saturdays 3.30 p.m. to 5.30 p.m.  
WOMEN :—  
Thursdays 3.30 p.m. to 5.30 p.m.  
Saturdays 11.30 p.m. to 1.30 p.m.

\*After the opening of the Worthing Venereal Diseases Clinic, the Agreement with the Brighton Hospital was terminated, but the County Council have agreed to an Annual contribution, based upon the attendances made by West Sussex cases.

The following statement shows the work done at the Clinics :—

	Sussex County Hospital, Brighton.	Royal Portsmouth Hospital.	Worthing Hospital.	Total.
Number of persons dealt with during the year for the first time and found to be suffering from :—				
Syphilis .. .. .	12	8	24	44
Soft Chancre .. .. .	1	—	1	2
Gonorrhœa .. .. .	4	10	15	29
Conditions other than Venereal ..	9	9	41	59
Totals — .. .. .	26	27	81	134
Total number of attendances at Out-Patient Clinic .. .. .	1050	292	2101	3443
Aggregate number of "In-Patient Days"	24	32	114	170
Number of doses of Salvarsan Substitute given .. .. .	232	108	428	768
Number of pathological examinations ..	—	114	263	377

### PROVISION OF DRUGS AND OUTFITS FOR PATHOLOGICAL EXAMINATIONS.

Medical Practitioners have not availed themselves to any great extent of the facilities provided by the County Council under their scheme for supplying salvarsan substitutes and outfits for pathological examinations.

### VENEREAL DISEASES ACT, 1917.

No action has been taken under the Act.

### MENTAL DEFICIENCY ACT, 1913.

At the end of the year there were 60 defectives in Institutions, eight had been placed under guardianship and 93 were under supervision by the West Sussex Association for the care of the Mentally Defective.



### ISOLATION HOSPITAL ACCOMMODATION.

The Isolation Hospital Accommodation in the County is as set out in my previous Annual Reports, and more particularly in my report for 1914.

### SMALL POX HOSPITAL ACCOMMODATION.

A new Agreement has been entered into with the Brighton Corporation for admission of Small Pox Cases in this County into their Hospital at Fulking. Under the terms of this agreement, two beds are reserved for the use of patients in this County, and permission has also been given for the erection of Huts in the Hospital Grounds should the occasion arise. The charge for maintenance for one patient is to be £7 7s. per week, or any portional week, and £5 per week, or any portional week, for any number of patients over one. This charge includes Nursing, Medicines, Food and all other requisites, but not Medical attendance. The County Council have also approved Supplementary estimates of £590 for the erection of Huts, and £200 for the equipping of same, should the necessity arise. Patients will be conveyed from this County by the Brighton Corporation. The County Council have an Agreement with Dr. W. A. Powell to attend their cases at the Hospital.

### RIVERS POLLUTION PREVENTION ACTS.

No action was taken by the County Council or the Local Sanitary Authorities during the year.

### BLIND PERSONS ACT, 1920.

The County Council have delegated their duties under this Act to the Public Health and Housing Committee, who, in turn, have availed themselves of the services of the West Sussex Association for the Blind, established in 1921. The Association have made themselves responsible for the Registration and general supervision of the blind in this area. The Education Committee continue to deal with children of school age and with older persons requiring education and special training in Institutions for the Blind. The following Statement taken from the last Annual Report of the Association, shows the number of cases registered in successive years :—

October 28th, 1921	..	187
March 31st, 1922	..	202
March 31st, 1923	..	207
March 31st, 1924	..	208

Classified according to age there were, in March, 1924 :—

5 cases under 5 years of age	
10    „    „    16    „    „    „	
2    „    „    21    „    „    „	
44    „    21—50    „    „    „	
135    „    over 50    „    „    „	
12    „    age period unknown.	
—	
208	
—	

### HOUSING.

As will be seen by the following Statement, 865 houses were erected during the year, all being built by private enterprise with the exception of four erected by the County Council for Smallholders in the Westhampnett Rural District :—

Sanitary District	Number of new houses erected.	Sanitary district.	Number of new houses erected.
<b>Urban Districts.</b>		<b>Rural Districts.</b>	
Arundel (M.B.) ..	.. —	East Preston ..	.. 98
Bognor ..	.. 48	Horsham ..	.. —
Chichester (M.B.) ..	.. 14	Midhurst ..	.. 26
Horsham ..	.. 20	Petworth ..	.. 9
Littlehampton ..	.. 29	Steyning West ..	.. 102
Shoreham-by-Sea ..	.. 31	Thakeham ..	.. 45
Southwick ..	.. 10	Westbourne ..	.. 62
Worthing (M.B.) ..	.. 174	Westhampnett ..	.. 197
	—		—
	326		539
	—		—
Total ..	.. 865		



**DRAINAGE, SEWAGE, SCAVENGING AND REFUSE DISPOSAL.**

During the year the following improvements have been made :—

BOGNOR URBAN DISTRICT.	The New Outfall Works were in use during the greater part of the year.
HORSHAM URBAN DISTRICT.	More than half of the number of Hand-flushed Water Closets have been provided with proper flushing arrangements. Public Lavatory opened in Carfax.
SHOREHAM URBAN DISTRICT.	An extension of sewers carried out in several roads, enabling 40 Houses with cesspools to be connected.
WORTHING M.B.	The extension of Sewer in Broadwater Road, connecting the main Sewer in Broadwater Street, near the Church, which was completed during the year 1922, with a view to relieving the Broadwater Sewer System, has been successful.
HORSHAM RURAL DISTRICT.	Scavenging.—Weekly collection of Refuse in several villages (and Exereta in Warnham) are made by means of a Ford Motor Lorry, fitted with special dust collecting interchangeable soil bodies.
STEYNING RURAL DISTRICT.	Extension of Sewer from Lancing Station to Sea, and laying of branch Sewers. About 150 houses connected up to April, 1924.
WESTHAMPNETT RURAL DISTRICT.	Parish of Felpham.—Public Scavenging of Cesspools undertaken. Bexley Cart provided, and work of emptying Cesspools undertaken by Contractor.

No other works of importance have been carried out.

**WATER SUPPLY.**

Urban Districts are supplied with water of good quality, and in most cases the supply is sufficient to meet all needs.

During the year the following improvements have been carried out :—

STEYNING WEST RURAL DISTRICT.	An extension of the water-main has been made along King Barnes Lane, Beeding.
WORTHING M.B.	The additional works carried out at the Broadwater Pumping Station during the year 1922 have proved very satisfactory. The water obtained from the new borehole being of very good quality and very satisfactory.

**SALE OF FOOD AND DRUGS ACT.**

Table showing articles purchased for analysis by the Public Analyst with the result of analysis, for the year ended 31st December, 1923 :—

Article.	No. of samples analysed.	Result of Analysis.	
		Genuine.	Otherwise.
New Milk .. .. .	148	123	25
“Skim” Milk .. .. .	4	4	—
Jam .. .. .	5	5	—
Salt Butter .. .. .	8	8	—
“Chicken and Ham” Paste .. .. .	2	2	—
Preservative (Tomlinson’s) .. .. .	1	1	—
Dripping (Beef) .. .. .	2	2	—
	170	145	25

**PUBLIC HEALTH (MILK AND CREAM) REGULATIONS, 1912.****REPORT FOR THE YEAR ENDED 31st DECEMBER, 1923.****1. MILK and CREAM not sold as preserved CREAM.**

	(a) Number of Samples examined for the presence of a preservative.	(b) Number of Samples in which a preservative was reported to be present.
Milk .. .. .	145	1*
Cream .. .. .	Nil.	Nil.

\* In this case proceedings were taken against the Vendor. The case was heard before the Horsham Bench on 22nd September, 1923, and the defendant was fined £9 8s. inclusive. The sample in question contained at least .05 per cent. Boric Acid.

### PORT OF NEW SHOREHAM.

The number of Vessels entering the Port during the year was 531. Of these 434, with a tonnage of 79,008 were from British Ports and 97, with a tonnage of 16,996 were from foreign ports, showing an increase of 72 coast-wise, and 25 foreign vessels over the previous year.

INSPECTION.—Every vessel was visited and inspected by the Port Sanitary Inspector. Eight vessels were found unclean, three being generally dirty and five had dirty forecastles and sanitary conveniences. Verbal Orders for defects to be remedied were issued in all cases.

INFECTIOUS DISEASE.—Two cases of sickness were reported on vessels arriving at the Port, but neither was suffering from a notifiable disease. Leaflets containing information as to the dangers of Venereal Disease and the facilities provided for treatment were distributed to the Master of every ship.

PUBLIC HEALTH SHELL FISH REGULATIONS.—No instance of selling shell fish gathered from the prohibited area came under notice during the year.

RATS AND MICE DESTRUCTION ACT, 1919.—Printed cards, indicating the responsibilities of Masters of Ships under this Act, have been distributed. No rats were found on any vessel entering the port.

### PORT OF LITTLEHAMPTON.

The number of vessels entering the Port during the year was 102, with a tonnage of 15,857. Of these, 83 with a tonnage of 11,698 were from British ports, and 19 with a tonnage of 4,158 were from Foreign Ports.

INSPECTION.—Every vessel was visited and inspected by the Sanitary Inspector, and in two instances only, verbal orders for minor defects to be remedied, were necessary.

INFECTIOUS DISEASE.—No cases occurred during the year. Arrangements have been made for isolation of cases at the Infectious Diseases Hospital belonging to the Littlehampton Urban District Council.

RATS AND MICE DESTRUCTION ACT, 1919.—No rat infected ships entered the Port, but 106 were caught on the Wharf by traps and poison during the year.



